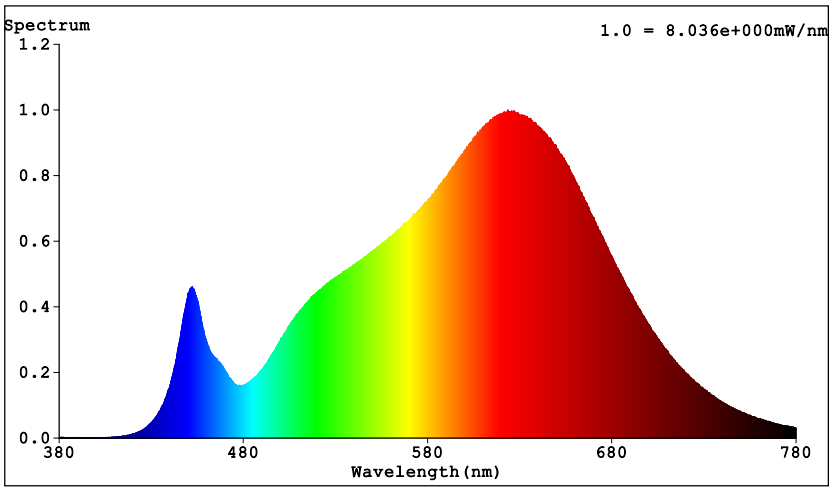
Spectrum Test Report

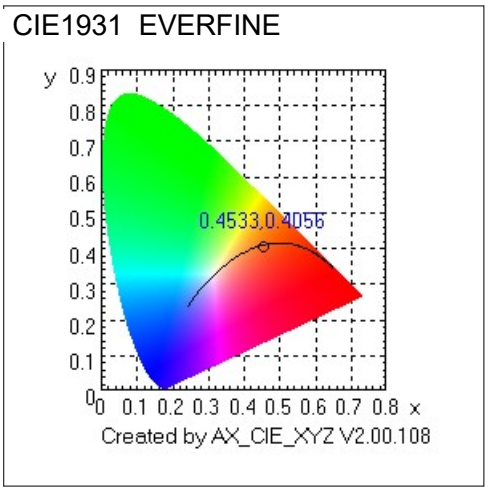
Sample	:	Date	: 2025-09-18 15:38:41
Specification	: 8974WH-5CCT	Sam Status:	
Sample No.	: 1	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: Royal Pacific Ltd.	Test by	: DAMIN
Instrument number	N-01	Assessor	: damin

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51004 (78%)
Test Mode	: Fast Test	T	: 998 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.4533 y = 0.4056 / u' = 0.2605 v' = 0.5244 (duv=-1.31e-03)

CCT= 2755K Prcp WL: Ld=584.4nm Purity=57.8%

Peak WL: Lp=624nm FWHM: =152.3nm Ratio:R=26.2% G=71.4% B=2.4%

Render Index: Ra = 93.9 TM30:Rf=92 Rg=102

R1 =95	R2 =97	R3 =97	R4 =95	R5 =94	R6 =96	R7 =93	
R8 =85	R9 =66	R10=91	R11=95	R12=83	R13=95	R14=98	R15=91

WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 367.91 lm Eff. : 75.97 lm/W Fe = 1.3179 W

(EQE):1440%

Kred: 0.18191

Electrical parameters

V = 119.9 V I = 0.04421 A P = 4.843 W PF = 0.9136

Freq=60.01 Hz

EVERFINE CORPORATION

http://www.everfine.cn

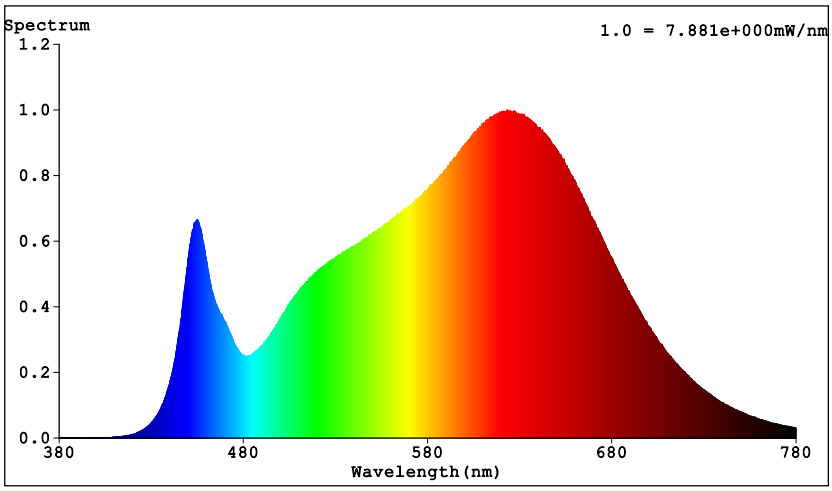
Spectrum Test Report

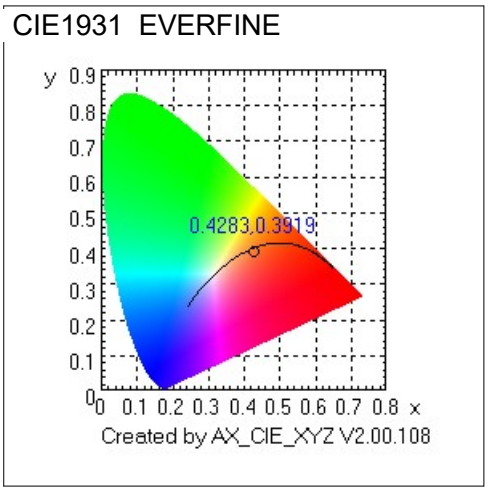
Sample	:	Date	: 2025-09-18 15:39:41
Specification	: 8974WH-5CCT	Sam Status:	
Sample No.	: 1	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: Royal Pacific Ltd.	Test by	: DAMIN
Instrument number	N-01	Assessor	: damin

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 50338 (77%)
Test Mode	: Fast Test	T	: 998 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.4283 y = 0.3919 / u' = 0.2503 v' = 0.5152 (duv=-3.75e-03)

CCT= 3048K Prcp WL: Ld=584.1nm Purity=46.2%

Peak WL: Lp=623nm FWHM: =165.7nm Ratio:R=24.6% G=72.2% B=3.2%

Render Index: Ra = 95.6 TM30:Rf=92 Rg=102

R1 =97	R2 =99	R3 =98	R4 =96	R5 =97	R6 =96	R7 =93	
R8 =88	R9 =76	R10=97	R11=96	R12=81	R13=99	R14=99	R15=95

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 386.39 lm Eff. : 80.61 lm/W Fe = 1.3853 W

(EQE):1508.8%

Kred: 0.17018

Electrical parameters

V = 119.9 V I = 0.04382 A P = 4.793 W PF = 0.9122

Freq=60.01 Hz

EVERFINE CORPORATION

http://www.everfine.cn

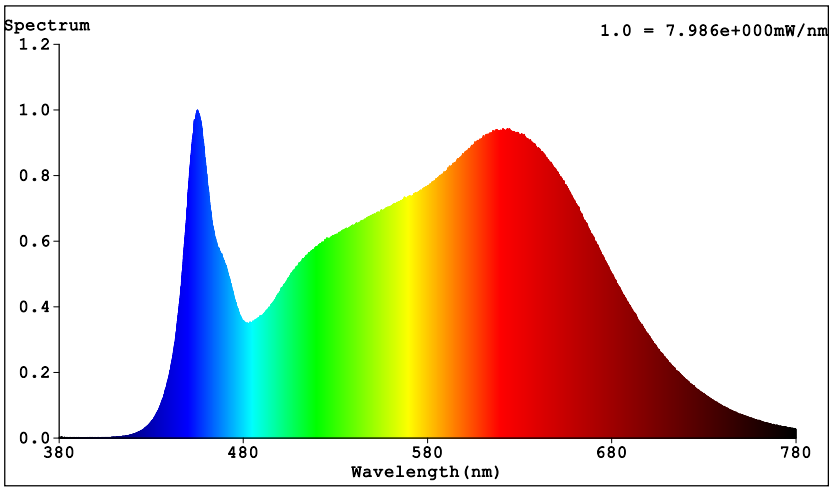
Spectrum Test Report

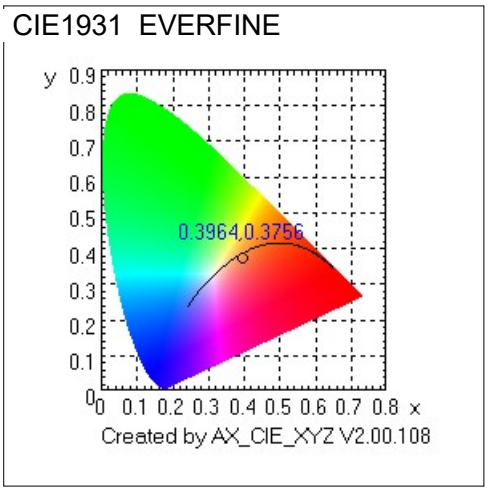
Sample	:	Date	: 2025-09-18 15:39:51
Specification	: 8974WH-5CCT	Sam Status:	
Sample No.	: 1	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: Royal Pacific Ltd.	Test by	: DAMIN
Instrument number	N-01	Assessor	: damin

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52107 (80%)
Test Mode	: Fast Test	T	: 998 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.3964 y = 0.3756 / u' = 0.2361 v' = 0.5034 (duv=-4.79e-03)

CCT= 3579K Prcp WL: Ld=583.1nm Purity=31.7%

Peak WL: Lp=455nm FWHM: =25.0nm Ratio:R=22.3% G=73.5% B=4.2%

Render Index: Ra = 95.9 TM30:Rf=92 Rg=101

R1 =98 R2 =98 R3 =98 R4 =96 R5 =97 R6 =94 R7 =94

R8 =92 R9 =85 R10=98 R11=97 R12=76 R13=99 R14=99 R15=97

WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 410.81 lm Eff. : 87.12 lm/W Fe = 1.4661 W

(EQE):1591.2%

Kred: 0.15258

Electrical parameters

V = 119.9 V I = 0.04321 A P = 4.715 W PF = 0.9100

Freq=60.01 Hz

EVERFINE CORPORATION

http://www.everfine.cn

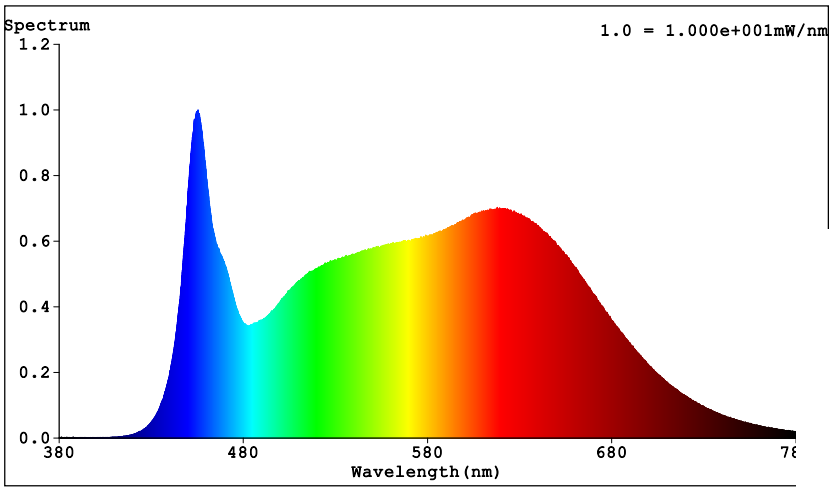
Spectrum Test Report

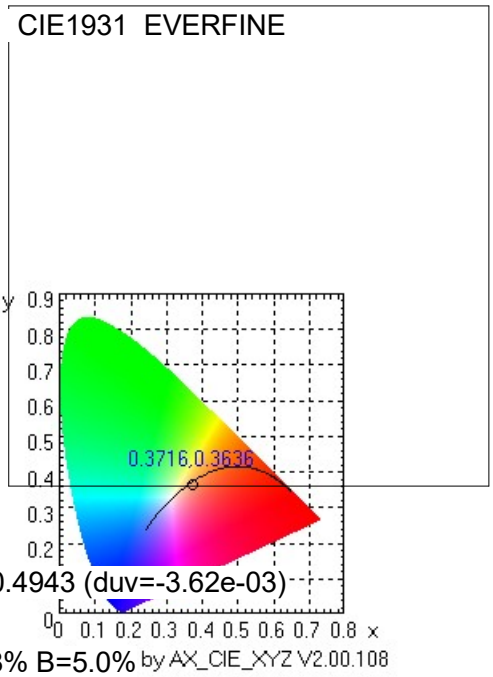
Sample	:	Date	: 2025-09-18 15:39:58
Specification	: 8974WH-5CCT	Sam Status:	
Sample No.	: 1	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: Royal Pacific Ltd.	Test by	: DAMIN
Instrument number	N-01	Assessor	: damin

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52383 (80%)
Test Mode	: Fast Test	T	: 802 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.3716 y = 0.3636 / u' = 0.2245 v' = 0.4943 (duv=-3.62e-03)

CCT= 4159K Prcp WL: Ld=581.0nm Purity=20.6%

Peak WL: Lp=455nm FWHM: =25.0nm Ratio:R=20.2% G=74.8% B=5.0%

Render Index: Ra = 95.5 TM30:Rf=92 Rg=100

R1 =98 R2 =98 R3 =98 R4 =95 R5 =95 R6 =94 R7 =94

R8 =92 R9 =87 R10=99 R11=96 R12=71 R13=99 R14=99 R15=96

WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 423.04 lm Eff. : 89.09 lm/W Fe = 1.4989 W

(EQE):1592.4%

Kred: 0.13699

Electrical parameters

V = 119.9 V I = 0.04347 A P = 4.748 W PF = 0.9109

Freq=60.01 Hz

EVERFINE CORPORATION

http://www.everfine.cn

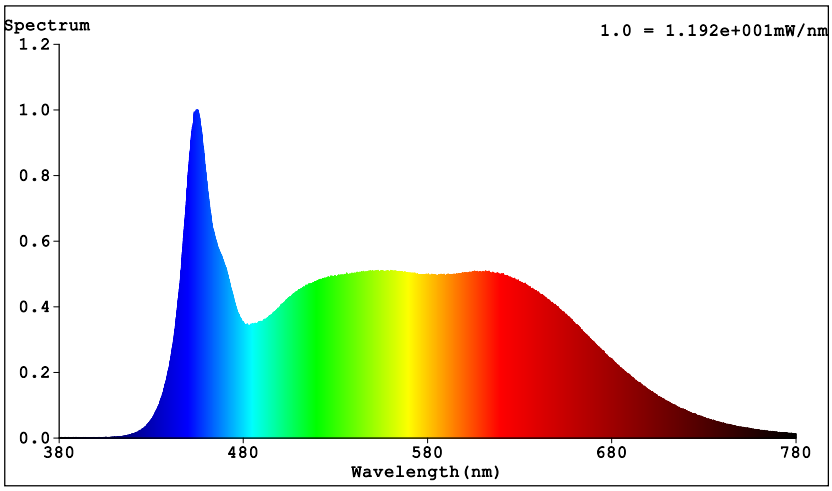
Spectrum Test Report

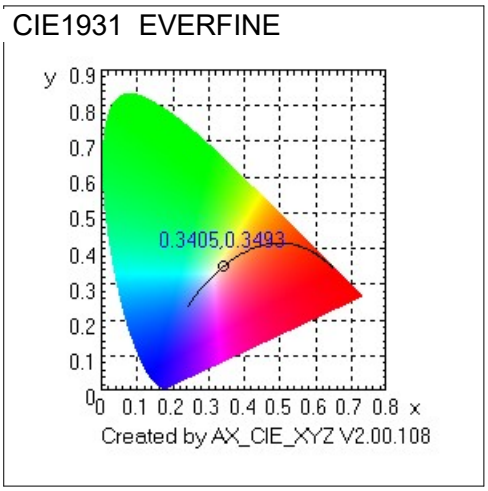
Sample	:	Date	: 2025-09-18 15:40:07
Specification	: 8974WH-5CCT	Sam Status:	
Sample No.	: 1	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: Royal Pacific Ltd.	Test by	: DAMIN
Instrument number	N-01	Assessor	: damin

Test Condition

Temperature	: 25.3 ℃	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51941 (79%)
Test Mode	: Fast Test	T	: 667 ms
		Sensitivity	: High

Spectrum





Colorimetric Parameters

Chromaticity Coordinate: x = 0.3405 y = 0.3493 / u' = 0.2092 v' = 0.4828 (duv=7.21e-04)

CCT= 5176K Prcp WL: Ld=568.8nm Purity=6.9%

Peak WL: Lp=455nm FWHM: =25.4nm Ratio:R=17.3% G=76.8% B=5.9%

Render Index: Ra = 94.5 TM30:Rf=91 Rg=99

R1 =96 R2 =99 R3 =98 R4 =93 R5 =94 R6 =94 R7 =93

R8 =89 R9 =77 R10=96 R11=94 R12=71 R13=98 R14=99 R15=95

WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 423.25 lm Eff. : 87.33 lm/W Fe = 1.4785 W

(EQE):1510.1%

Kred: 0.11511

Electrical parameters

V = 119.9 V I = 0.04424 A P = 4.846 W PF = 0.9136

Freq=60.01 Hz

EVERFINE CORPORATION

http://www.everfine.cn